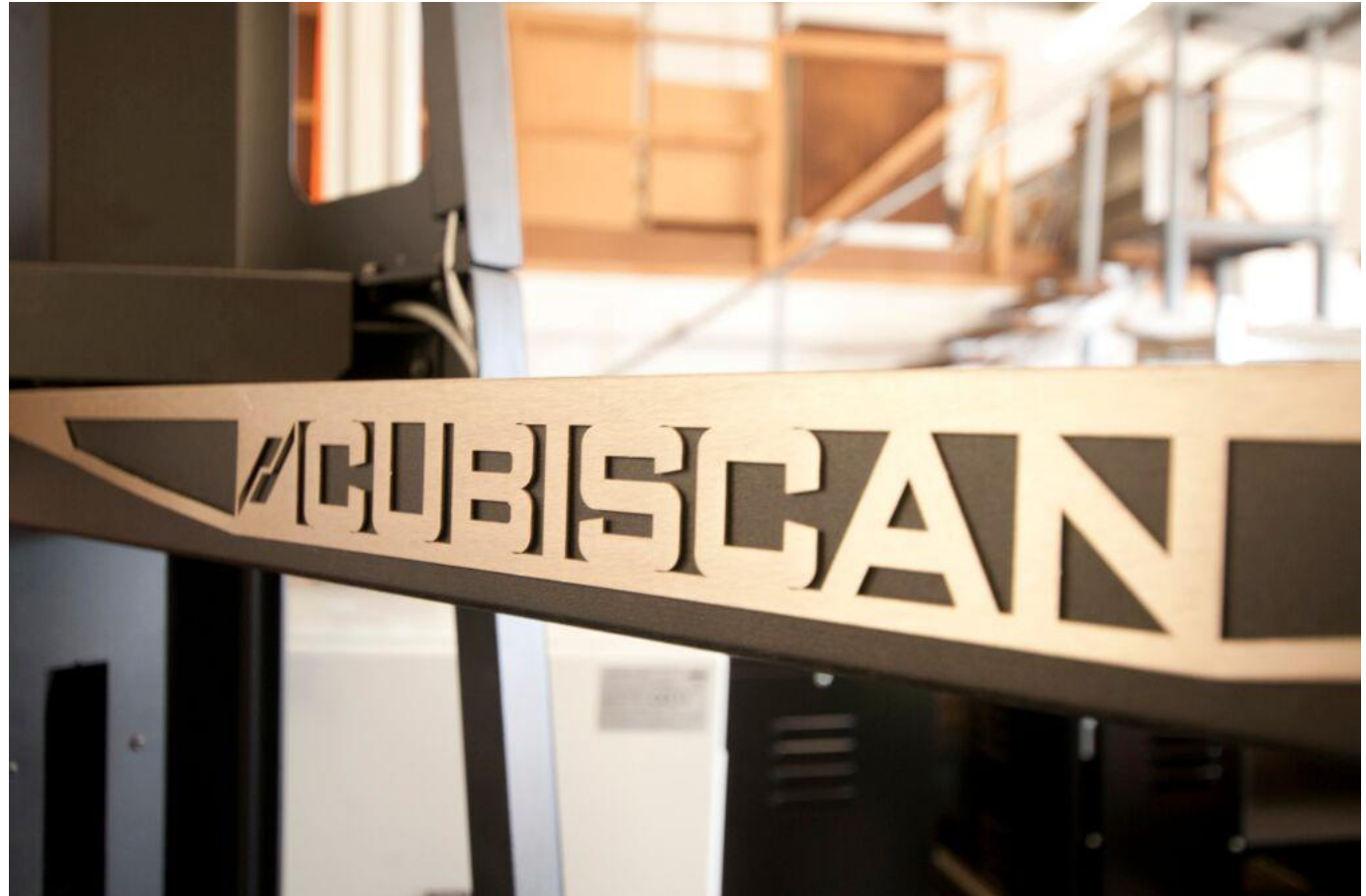**CubeMaster, developed in Australia by SCACO, is the most powerful SKU Data Management Software product in world.**

CubeMaster WMS Integration Software

for

CubiScan

CubeMaster, developed in Australia by SCACO is the most powerful SKU Data Management Software product in world.

WMS & ERP vendors and users, Programmers, and Supply Chain IT professionals all agree: Nothing in the industry even compares to CubeMaster.

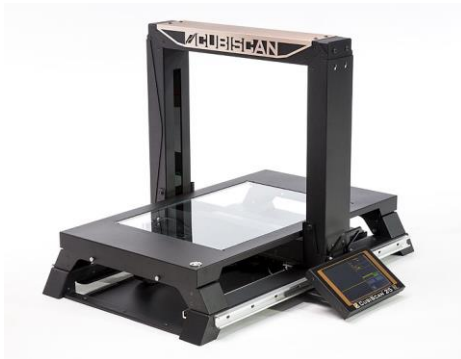*"If you are serious about SKU data management then CubeMaster is a must-have."*

The various CubiScan models are each used to quickly and accurately determine the precise weight and dimensions (LWH) of Stock Keeping Units (SKUs) in a DC or Warehouse.

But this measurement data is not very helpful if you still need to manually record and enter it into a host IT application.

CubeMaster WMS Integration Software is an automation powerhouse. It incorporates an SQL database and runs on a PC with grunt that forms part of the overall CubiScan solution. CubeMaster enables the detailed measurement, validation, storage, management, and data export interface of tens or even hundreds of thousands of SKUs to a host WMS application.

CubeMaster for all CubiScan models:

CubiScan 25
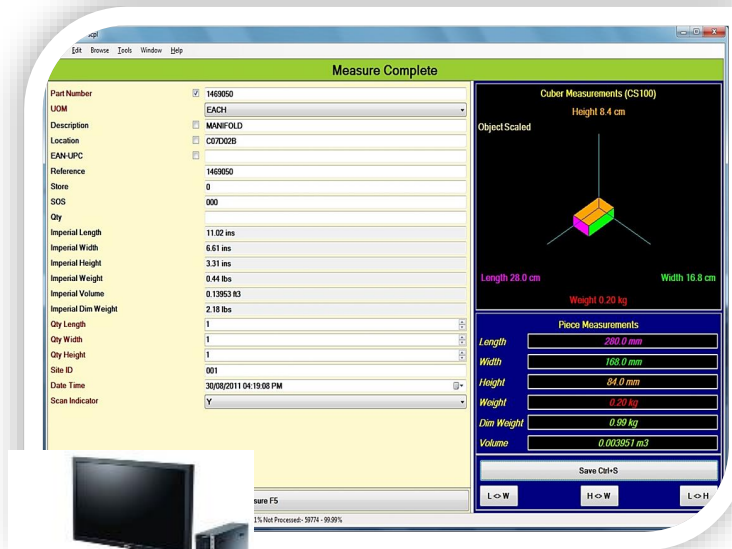Ideal for small irregular shapes

CubiScan 100
Ideal for cartons/boxes

CubiScan 125
Ideal for irregular shapes +
cartons/boxes

CubiScan 150
Ideal for cartons at dispatch
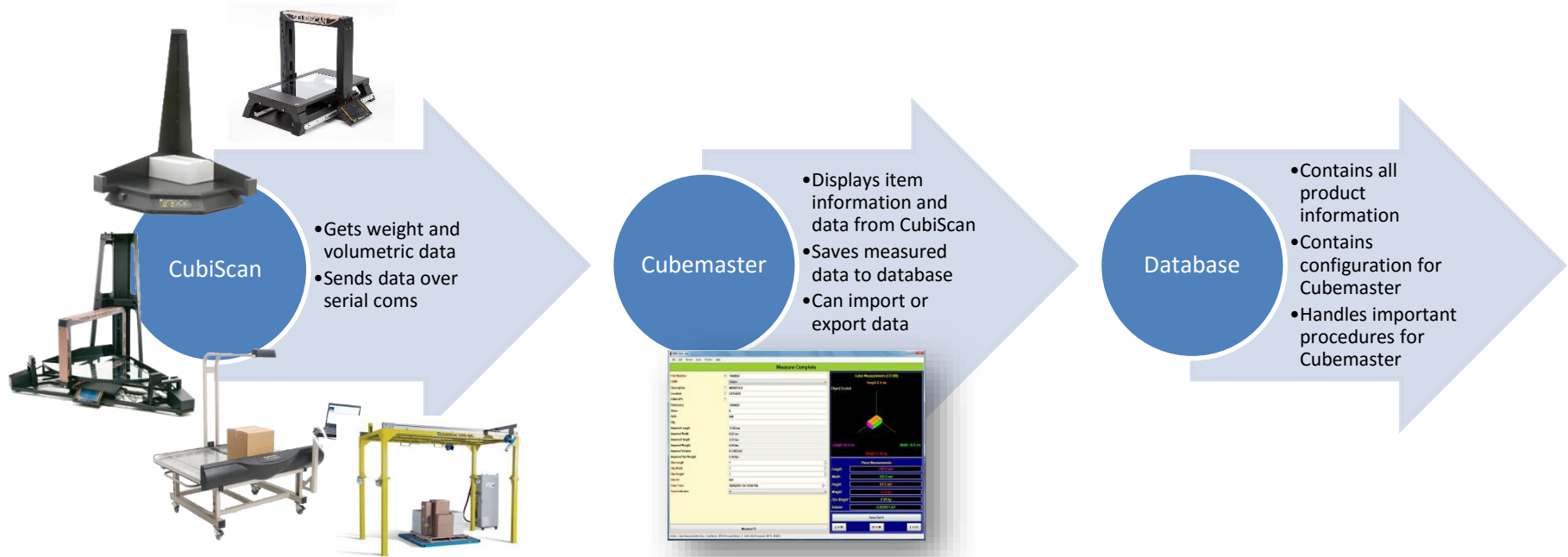+ cuboidal SKUs

CubeMaster WMS
Integration Software

CubiScan 1200 AKL
Ideal for larger / palletised
irregular + all shapes –
freight & SKUs

scaco.com.au

CubeMaster for:

CubiScan 25, 100, 125, 150, and 1200-AKL

CubiScan
- Gets weight and volumetric data
- Sends data over serial coms

Cubemaster
- Displays item information and data from CubiScan
- Saves measured data to database
- Can import or export data

Database
- Contains all product information
- Contains configuration for Cubemaster
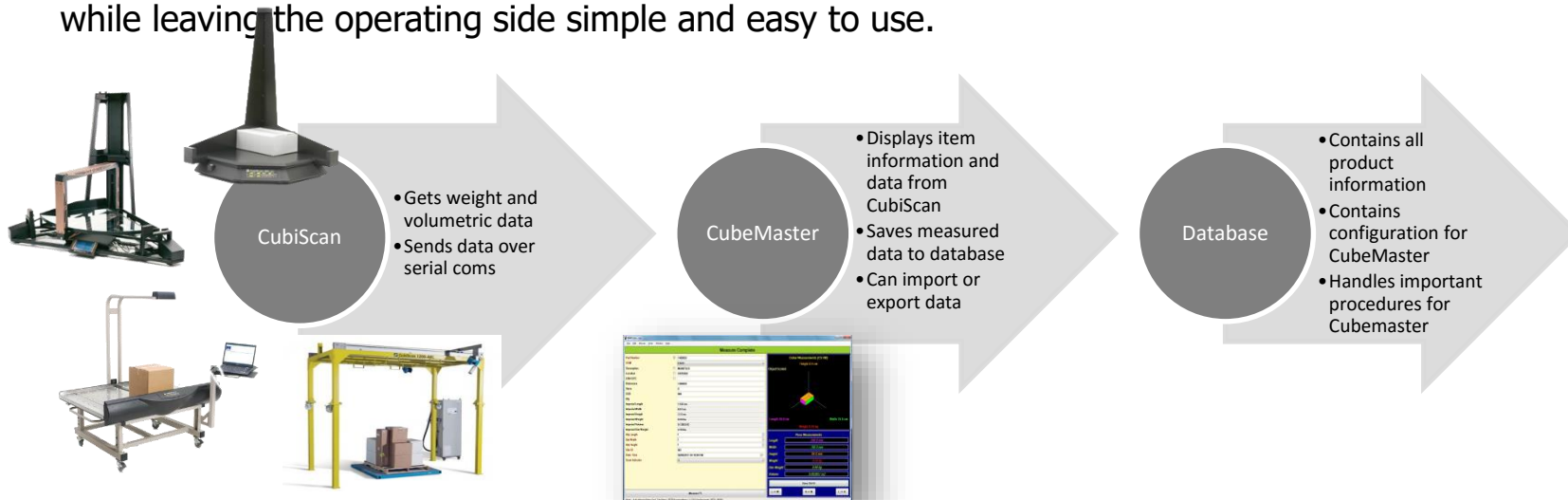- Handles important procedures for Cubemaster

How it works: CubeMaster

CubeMaster is always configured to each individual clients' needs. Our IT people work closely with your IT people every step of the way. If you want complex verification metrics, no worries. If you want something simple, that's okay too. CubeMaster accurately captures and stores volumetric and verification data from any CubiScan model and, with its easy to understand front-end, it's a breeze for anyone to use with minimal training.
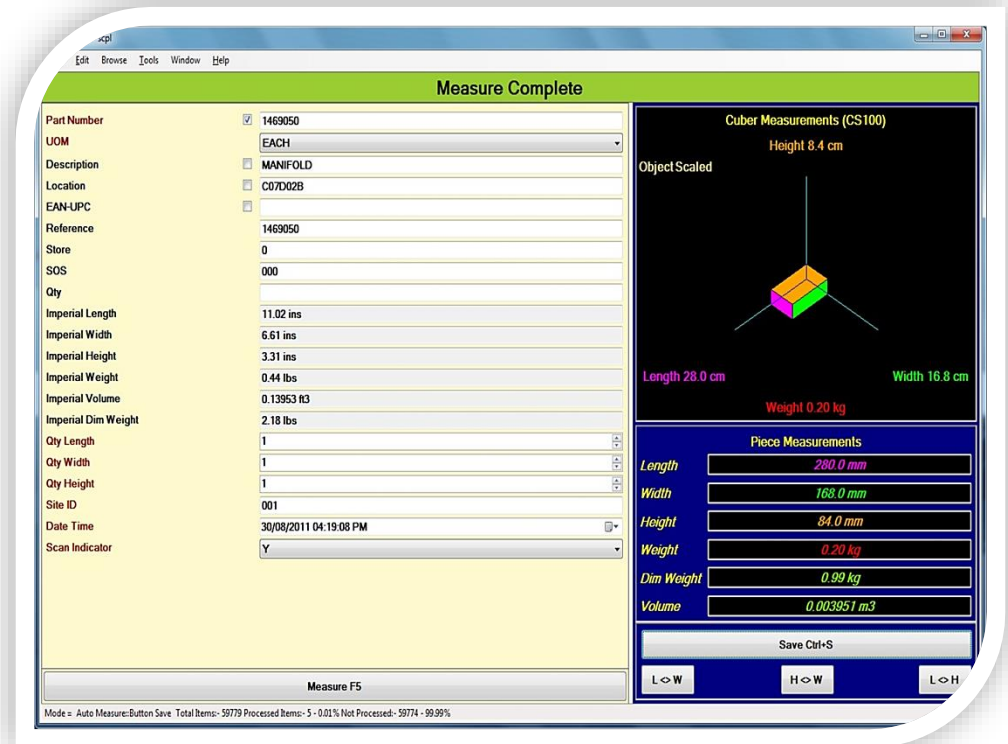
Everything is handled by a robust database system which stores all information and handles important processes for the CubeMaster application. This allows CubeMaster to be flexible enough to fit the needs of any of our clients with a highly configurable back-end that can handle any task while leaving the operating side simple and easy to use.

CubiScan
- Gets weight and volumetric data
- Sends data over serial coms

CubeMaster
- Displays item information and data from CubiScan
- Saves measured data to database
- Can import or export data

Database
- Contains all product information
- Contains configuration for CubeMaster
- Handles important procedures for Cubemaster

The front-end

CubeMaster is designed to allow for a great degree of flexibility and customisation with up to 21 user-defined fields while remaining simple and usable for the operator.

An operator simply needs to scan a barcode or search for an item number to bring up all relevant information. By ticking the box next to any field they're able to search on that field instead. From there they place the item on the CubiScan, press F5 and volumetric data is taken from the CubiScan and saved to the database.

Example Cubemaster application configured to show conversion to imperial units

If they can't find the item they need they can add it in themselves. Simply by entering the information in to the relevant fields and saving they can create a whole new record in the database.

Screen Shot: CubeMaster Configuration Guide

SCACO will configure your particular CubeMaster solution based on guidance and descriptions that you provide during the sales and pre-installation process. The spreadsheet below is a handy guide to better understand how the configuration is set up.

CubeMaster Standard_CubeMaster_CFG_CHECKLIST [Compatibility Mode] - Excel

A1 | SCACO Pty Ltd

SCACO Pty Ltd

CWC and CubeMaster

CUSTOMER CONFIGURATION MANAGEMENT DATABASE

COMPLIANCE CHECKLIST #1

PRODUCT

Name: CubeMaster

Version: 2.5

FUNCTIONAL REQUIREMENTS

Columns

CO	INTERNAL COLUMN NAME	UNIQUE INDEX	DEFAULT VALUE	REQIRED IN DB	INTERNAL TYPE	LENGTH	INT DATA TYPE	SCREEN ORDER	SUFFIX	FORMAT	DEFAULT	USER COLUMN NAME	HIDE	USER COLUMN EXPORT NAME	IMPORT ORDER	EXPORT ORDER	DEFAUL VALUE ON
#		√		√				#					√		#	#	INSERT
1	ITM$User_Item	2		YES	varchar(50)	50	varchar	2				ItmId	FALSE	ItmId	2	2	
2	ITM$User_Type	3		YES	varchar(50)	50	varchar	6				Bunit	FALSE	Bunit	6	6	EACH
3	ITM$User_Sequence	4	0	YES	Int	10	int	3				Sequence	TRUE	Sequence		3	
4	ITM$User1		""	NO	varchar(100)	100	varchar	1				EAN	FALSE	EAN	1	1	
5	ITM$User2		""	NO	varchar(100)	100	varchar	4				Ldesc	FALSE	Ldesc	4	4	
6	ITM$User3		""	NO	varchar(100)	100	int	5				QtyMeas	FALSE	QtyMeas	5	5	
7	ITM$User4		""	NO	varchar(1000)	1000	int	7				User3	TRUE	User3		7	
8	ITM$User5		""	NO	varchar(1000)	1000	varchar	8				User4	TRUE	User5		8	
9	ITM$User6		""	NO	varchar(1000)	1000	numeric	9				User6	TRUE	User6		9	
10	ITM$User7		""	NO	varchar(1000)	1000	numeric	10				User7	TRUE	User7		10	
11	ITM$User8		""	NO	varchar(100)	100	int	11				User8	TRUE	User8		11	
12	ITM$User9		""	NO	varchar(100)	100	int	12				User9	TRUE	User9		12	
13	ITM$User10		""	NO	varchar(100)	100	varchar	13				User10	TRUE	User10		13	
14	ITM$User11		""	NO	varchar(100)	100	varchar	14				User11	TRUE	User11		14	

FUNCTIONAL REQUIREMENTS | IMPORT

Ready

Configuring CubeMaster: Unlimited SKUs. High Level Metrics.
One Million SKUs? No Problem. Ten units of measure? Easy.

When it comes to SKU data metrics the CubiScan running CubeMaster can become "your source of truth" for SKU data. This is also especially helpful when adding new SKUs into the system "on the fly".

Up to 21 unique user defined SKU data fields that your operator can verify during the measurement process.

28,000 SKUs + and counting

All the units of measure you need to record

CubeMaster: Taking SKU data verification to the next level

The Power of CubeMaster :

Configuration = Imagination

Check out the CubeMaster screen shot on the next page.

The spreadsheet columns headers, whether event driven (ie LWH) or *verification* driven, become data fields located at different locations on the operator screen.

	A	B	C	D	E	F	G
1	What happens if there is a item level (UoM) not in system						
2	Are their any other levels we need to consider ie: EA,Inner, outer ?						
3	Confirm that the GTIN can be stripped out.						
4	Do we require DG's						
5	Do we want to capture the UOM level type ie: Box, Pack etc						
6	Do we want to record any storage requirements stated on the packaging						
7							
8							

Do the above questions seem familiar? Talk to us.

B18			✕ ✓ *fx*	To be manually entered

	A	B
4	Vendor	Reference
5	Description - Item	Reference
6	Code	Selectable for UOM
7	Pack size	To be entered manually
8	Qty_ per Unit of Measure	To be entered manually
9	Gtin	To be scanned and saved
10	Other Barcode	To be scanned and saved
11	Storage Type/requirement	Ambient, fridge, freezer, no requirement
12	Dangerous Good	Yess/No
13	Ctn's per layer	To be manually entered
14	Layers per Pallet	To be manually entered
15	Pallet storage type	To be manually entered - select from drop down
16	Pallet Width	To be manually entered
17	Pallet Depth	To be manually entered
18	Pallet Height	To be manually entered
19	Pallet Weight	To be manually entered
20	Length	To be entered by the cubi scan measurement - not required on the main screen
21	Width	To be entered by the cubi scan measurement - not required on the main screen
22	Height	To be entered by the cubi scan measurement - not required on the main screen
23	Cubage	To be entered by the cubi scan measurement - not required on the main screen
24	Weight	To be entered by the cubi scan measurement - not required on the main screen
25	Ctn's per layer	To be manually entered
26	Layers per Pallet	To be manually entered
27	Pallet storage type	To be manually entered - select from drop down
28	Pallet Width	To be manually entered
29	Pallet Depth	To be manually entered
30	Pallet Height	To be manually entered
31	Pallet Weight	To be manually entered

Cur vs req. DB   **Scanning Screen**   ⊕

File　Edit　Browse　Tools　Window　Help

Close

Ready for next item

Field	Value
UOM	EACH
Sku Number	☑ A1016903
Sequence	1
Part Number	☐ 30511
Description	SEALANT-L/TITE GASKET NO1 85G
Brand	REPCO
Brand Description	REPCO
Barcode	☐ 079340305113
Vendor ID	
Vendor Name	
Packaging Type	0
Warehouse Location	110500601
Warehouse Location Sort Indicator	
Scan Indicator	N
Conversion Factor	1
DG UN Number	
DG Class	
DG Chemical	
MSDS Reference	
Warehouse Storage Temperature	
Use by Date	
Remarks	
Site ID	001
Date Time	23/03/2015 03:19:16 PM
Qty Height	1
Qty Length	1
Qty Width	1

Cuber Measurements (CS125)

Height 20.0 cm

Object Scaled

Length 15.0 cm　　　Width 10.0 cm

Weight 0.000 kg

Piece Measurements

Length	15.0 cm
Width	10.0 cm
Height	20.0 cm
Weight	0.00 kg
Dim Weight	0.75 kg
Volume	0.003000 m3

Save F6

L ◇ W　　　H ◇ W　　　L ◇ H

Mode = Auto Measure::Auto Save Total Items:- 4999 Processed Items:- 0 - 0.00% Not Processed:- 4999 - 100.00%

www.scaco.com.au

Sample Features

Some of the features available in the CubeMaster software include:

- The ability to save items as separate levels based on the Unit of Measure (UOM). You define your various UOM during the configuration process.

- Automatic conversion of CubiScan data. cm → mm, kg → g etc

- A Quantity field for length, width and height allowing several of an item to be stacked. Cubemaster will then work out the dimensions as though it were a single item.

- Change an axis. You can change L to H or L to W and H to W – depending on how your WMS requires SKU dimensions to be represented.

- Manual entry. SKUs too big? Scan the barcode and manually enter hand measured dims yourself.

- Date and time are saved with each transaction

- Automated exports and backups

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CubiScan & CubeMaster:
Managing the data metrics of millions of Australian SKUs

Regardless of your logistics level in the supply chain CubeMaster is the answer. The following great brands
All rely on CubeMaster to supercharge their Warehouse Management Systems with accurate SKU data.